

Nov 75

One microprogrammable terminal is better than all others...

The new DELTA 4000 Microprogrammable Video Display Terminal:

- Helps lower your total system costs
- Speeds information processing and data communications jobs
- Provides more flexibility to meet your application
- Raises operator efficiency to new standards
- Adds greater convenience to jobs of all kinds



**Delta
Data
Systems
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PROGRAMMABILITY
LOW COST
NATIONWIDE SERVICE
HIGH SPEED
TRANSMISSION
RELIABLE PERFORMANCE
FLEXIBILITY
ADVANCED DESIGN
SPECIAL KEY-
BOARDS*
HIGH READABILITY
SYSTEMS COMPAT-
IBILITY
PRINTER OUTPUT*
REMOTE MONITOR
CAPABILITY*
ROLLOFF RECOVERY
(PAGING)
FOUR TYPES OF
VIDEO PRIORITY
CONTROL
EDITING FUNCTIONS
PROTECTED FORMAT
BLOCK OR CHARAC-
TER TRANSMISSION
FULL CURSOR
ADDRESSABILITY
PROGRAM FUNCTION
KEYS
SYNCHRONOUS/
ASYNCHRONOUS
REMOTE KEY-
BOARD*
MORE, MORE, MORE

*Optional

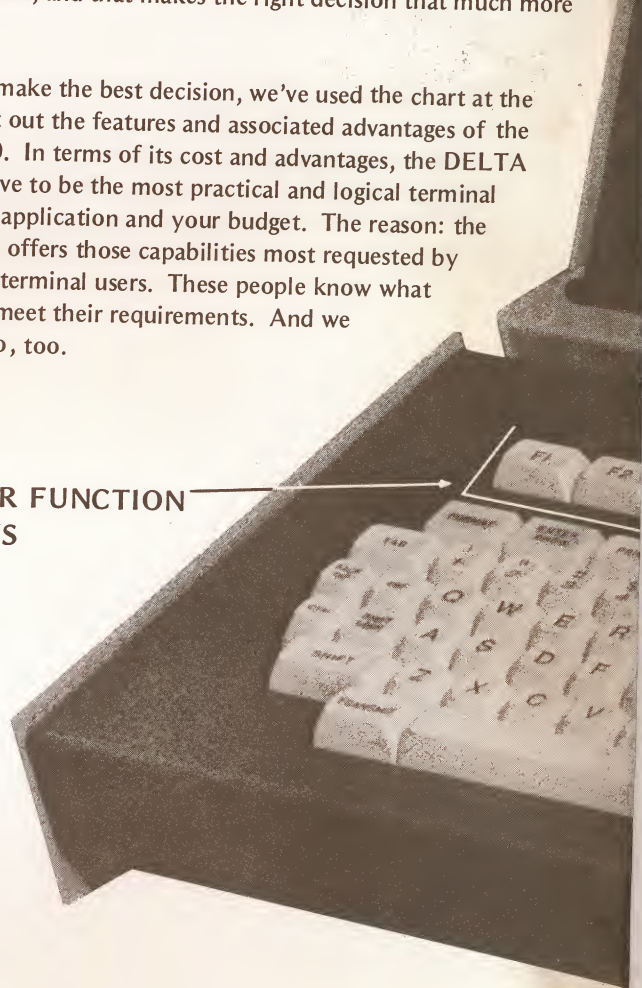
The DELTA 4000 solves your video display terminal problem with economy, speed and intelligence

All the features that users demand most are now available in one microprogrammable display terminal.

If you are considering video display terminals, your application problem can likely be solved by the new DELTA 4000 Microprogrammable Video Display Terminal. Chances are, too, you are faced with a budget crunch; and that makes the right decision that much more important.

To help you make the best decision, we've used the chart at the right to point out the features and associated advantages of the DELTA 4000. In terms of its cost and advantages, the DELTA 4000 will prove to be the most practical and logical terminal to meet your application and your budget. The reason: the DELTA 4000 offers those capabilities most requested by video display terminal users. These people know what they need to meet their requirements. And we believe you do, too.

USER FUNCTION
KEYS



UPPER/LOWER
CASE STANDARD

14" SCREEN

This is the new DELTA 4000 Micro-Programmable Video Display
Featuring:
LOW PRICE
Micro-Programmable (easily CUSTOMIZED to your needs)
Options for up to 224 displayable character sets
8 Program Function Keys
PAGING Variable Buffer Memory
Full TEXT EDITING plus Page Edit Mode
Asynchronous or Synchronous operation
Switch Selectable Data Rates of 110 to 9600 Baud plus External
Printer Output (RS 232)
Remote Monitor Drive
Conversational, Block or Page Mode Transmission
Compressed Data Entry Mode
Enter Program Mode to WRITE PROGRAMS and IMBED COMMANDS in TEXT
4 Level Video Priority Control
NORMAL ☐ ☐ ☐ ☐
New Line Control
Lower Case ENABLE/DISABLE Switch
AND MORE... CALL 215-639-9400 **NOW**... GET THE WHOLE STORY



4 VIDEO PRIORITIES

TEXT EDITING
KEYS

FULL CURSOR
CONTROLS

NUMERIC PAD



Compare the DELTA 4000 with other video display terminals

The features offered in the DELTA 4000 save you time and money, as well as helping to add convenience, improve efficiency and lower costs.

THESE FEATURES IMPROVE OPERATOR EFFICIENCY

by providing these advantages

LARGE, 14" DIAGONAL DISPLAY SCREEN

permits larger viewing area for high legibility

P31 PHOSPHOR

displays bright characters that help eliminate eye strain

80 COLUMNS X 25 LINES DISPLAY

provides a large number of characters on display, thus reducing interaction time with computer

128-CHARACTER DISPLAY INCLUDES UPPER/LOWER CASE CHARACTER SET

displays information as operators are accustomed to viewing it, and allows display of special characters

DISPLAY OF CONTROL CODES

permits operator to functionally assemble program without computer intervention

HIGH REFRESH RATE

provides bright, flicker free character display to minimize eye fatigue

FOUR TYPES OF VIDEO PRIORITY CONTROL INCLUDE NORMAL, REVERSE VIDEO, BLINK AND REVERSE BLINK

improve readability, call operator attention to specific portions of display quickly, and provide several means of identifying fixed and variable fields as well as an easy method for finding errors

PROGRAMMABLE AUDIBLE ALARM

alerts operators to priority data being received by the terminal

EIGHT PROGRAM FUNCTION KEYS

generate preset function codes for software interpretation, reduce time needed for entering complex commands, help minimize errors, and add convenience

NON-GLARE BONDED DISPLAY SCREEN*

minimizes ambient light reflections to help eliminate eye fatigue

HUMAN ENGINEERED KEYBOARD DESIGN

incorporates logical placement of keys and switches to simplify use, reduce keystrokes, minimize fatigue and error possibilities

THESE FEATURES ENHANCE FLEXIBILITY

by providing these advantages

REMOTE MONITOR DRIVE*

allows screen information to be displayed at remote locations, reduces cost for multiple display of output, and permits standard broadcast of display

EIA STANDARD RS232C INTERFACE

allows the terminal to interface with most systems

HARD COPY INTERFACE*

permits interface and control of EIA Standard RS232C printers and other peripherals

ENTER PROGRAM MODE

permits display of control and sequence functions while data is also displayed, also allows operator to write functional programs on the terminal

THREE TYPES OF DATA TRANSMISSION

allow terminal operation in basic teletype, buffered message, or page modes for data transmission

TYPE MODE

enables operator to prepare data on screen, while communication line remains open to receive important data

SWITCH SELECTABLE DATA RATES

permit interfacing with many different systems, as well as future upgrade of system timing at no added terminal cost

READ/WRITE CURSOR ADDRESS

allows computer to enter or read data from any position in memory, also permits rapid entry of data which reduces transmission time and costs

SYNCHRONOUS/ASYNCHRONOUS OPERATION

for compatibility with most systems communications protocols

FULL OR HALF DUPLEX DATA TRANSMISSION

switch selectable to meet your application requirements

LOWER CASE DISABLE SWITCH

provides a convenient method of eliminating lower case character set when it is unacceptable to another system

REVERSE VIDEO

permits information to be displayed in chart form, also allows highlighting of important information and fixed and variable data fields when in format mode

THESE FEATURES ADD CONVENIENCE

by providing these advantages

CLEAR TO END, CLEAR LINE, CLEAR MEMORY

permits selective clearing of data

INSERT/DELETE CHARACTER OR LINE

complete editing capability permits rapid, easy data manipulation prior to transmission

PROTECTED FORMAT CONTROL

permits information to be entered faster and as an established format, if desired, reducing operator intervention

TRANSMIT POLL PENDING

permits computer control of data transmission

TAB SET/CLEAR CONTROL

simplifies and speeds set up for columnar data entry

FORWARD/BACKWARD TAB

permits immediate cursor addressing through tab locations or on variable fields displayed in protected format

AUTOMATIC CHARACTER REPEAT

speeds entering of repetitive data

REMOTE KEYBOARD*

may be positioned away from display, adds flexibility to meet your application

CURSOR TRANSMIT INDICATOR

provides visual reference of data being transmitted

PAGE SELECT CONTROLS

permit rapid scrolling through memory to display rolled off lines or pages

*Optional

THESE FEATURES HELP LOWER YOUR COST

by providing these advantages

HIGH DATA RATES TO 9600 B/S

reduce communication time and operator waiting time, thus help lower total system cost

EXCLUSIVE PAGING VARIABLE BUFFER MEMORY

stores more lines of information than can be displayed at one time, reducing the need for computer use and memory and lowering the number of times computer must be accessed, thus reducing overall transmission time and cost

PROGRAMMABILITY WITH BUILT-IN MICRO PROCESSOR, I/O CONTROLLER AND READ ONLY PROGRAM MEMORY

permits flexibility, provides low cost upgrading as system grows as well as low cost communication, and allows additional features to be added at little cost

DATA COMPACT FEATURE

eliminates trailing spaces, preventing transmission of blank spaces which conserve memory and communications time

PROTECTED FORMAT CONTROL

transmits variable information only, thus reducing transmission time, also eliminates the need to re-enter forms which further reduces transmission time and job time, permits rapid modification and editing of variable data

AUTOMATIC TAB

reduces time needed to enter data on screen

BACK TAB

enables operator to correct errors easier and faster

THESE FEATURES SPEED DATA HANDLING

by providing these advantages

ELEVEN KEY NUMERIC PAD

permits fast, accurate entry of all numeric data

AUTOMATIC PARITY CHECK

calls operator attention to receipt of incorrect data

FUNCTION KEYS

reduce time to enter complex commands, help minimize errors and add convenience

PROTECTED FORMAT CONTROL

reduces time needed to enter data on screen



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Gentlemen:

Please tell me more about the new DELTA 4000 micro-programmable video display terminal.

- ☐ Call to arrange a demonstration
- ☐ Call to discuss my display terminal application
- ☐ Send additional technical literature
- ☐ Add my name to your mailing list

Name _____

Title _____

Organization _____

Address _____

City _____

State _____ Zip _____

Telephone (_____) _____

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INFORMATION**

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Heights, Pa.

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**Delta
Data
Systems
Corporation**

Woodhaven Industrial Park
Cornwells Heights, PA 19020

Economy, speed and intelligence—
the DELTA 4000 solves your bud-
get and your application problem.

Tell us about your application for a micro-programmable display terminal

Whether simple or complex, whether basic teletype replacement or nationwide information processing system, the DELTA 4000 will open new doors to cost savings, convenience and simplified problem solving. Perhaps your application fits in among some of those listed here.

- Transportation scheduling
- Automated process control and monitoring
- Stock analysis and quotations
- Inventory control
- Customer billing
- Programming
- Hospital patient monitoring
- Time sharing systems
- Reservations systems
- Engineering design
- Computer aided education
- Order Entry



Across the country or around the world . . . we're close to you

In the United States DELTA customer service is available from over 40 locations across the country. Our worldwide customer service and sales organization is responsive to your needs. Service is handled promptly to minimize system downtime. Sales inquiries are answered straightforwardly and intelligently. If we can help, we'll tell you so. If we can't, perhaps we can refer you to someone who can.

For a demonstration of the DELTA 4000 in action . . .

in your office, at your convenience, please contact us today. A DELTA technical representative will be pleased to discuss your application in detail and answer specific questions on how the DELTA 4000 can solve your display terminal problem.



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